

Abstract

5 A platelet collecting apparatus 1 comprises a centrifugal separator 20 possessing a rotatable rotor 142 ;
the centrifugal separator 20; a second line 22 for allowing
the flow of the blood emanating from the centrifugal separator,
a plasma collecting bag 25 connected to the first line 21
and the second line 22 so as to collect the plasma emanating
10 from the centrifugal separator 20 and return the collected
plasma to the centrifugal separator 20, a platelet collecting
bag 26 connected to the second line 22 so as to collect the
platelets emanating from the centrifugal separator 20, a blood
delivering pump 11 disposed in the first line 21, and a
15 controller 13 for controlling the operation of the rotor of
the centrifugal separator 20 and the operation of the blood
delivering pump 11. The controller 13 is endowed with a function
of varying the rotational frequency of the rotor 142 during
the course of blood collection in conformity with the amount
20 of the blood entered into the centrifugal separator 20 via
the first line 21.